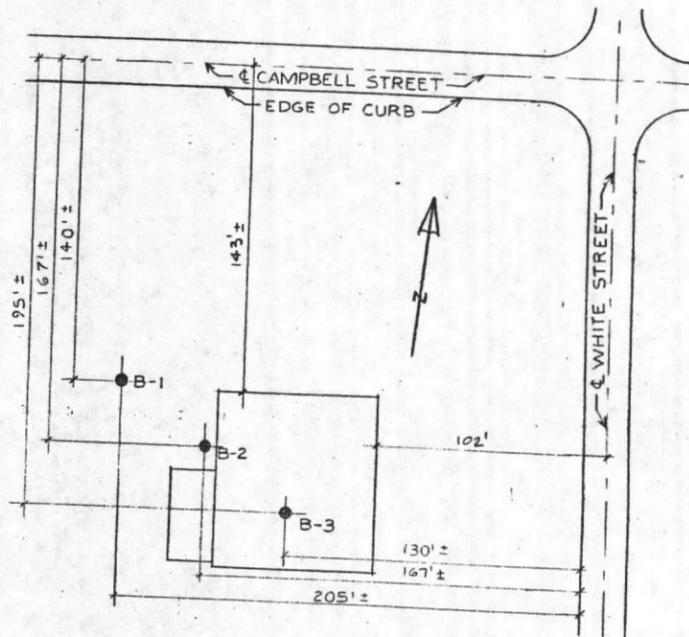


REVISIONS		
SYM	DESCRIPTION	DATE

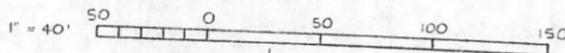
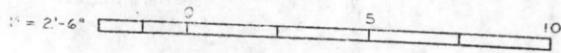


BORING LOCATION PLAN
SCALE 1" = 40'-0"

GENERAL NOTES

- 1 BORINGS ADVANCED BY AUGERING.
- 2 'BLOWS COLUMN INDICATES DEPTH OF SAMPLE AND NUMBER OF BLOWS REQUIRED TO DRIVE A 2" O.D. SPLIT SPOON SAMPLER ONE FOOT INTO UNDISTURBED SOIL WITH A 140 LB. HAMMER FALLING 30" AS PER ASTM TEST D1586 (FIGURE OF 100/3 IN BLOW COLUMN INDICATES 100 BLOWS FOR 3 INCHES).
- 3 ALL DEPTHS AND LOCATIONS ARE APPROXIMATE.
- 4 BORINGS DRILLED BY EZRA MEIR ASSOCIATES, INC., IN MAY OF 1978.
- 5 TYPICAL WATER DATA NOTE: "0'-6" AT 24 HOURS" MEANS THE FREE WATER LEVEL IN THE HOLE 24 HOURS AFTER DRILLING WAS 0'-6" FROM THE SURFACE.
- 6 SP, SM, CL, MH, ETC. FROM UNIFIED SOIL CLASSIFICATION SYSTEM. DESCRIPTION OF SOIL IN ACCORDANCE WITH BURMISTERS CLASSIFICATION ON BASIS OF VISUAL ESTIMATE BY DRILLER.
- 7 SAMPLES ARE STORED AT LANTRDIV-NAVFAC, AND ARE AVAILABLE FOR INSPECTION.

GRAPHIC SCALES



SATISFACTORY TO
[Signature]
DATE 7/18/77



G. MILTON SMALL & ASSOC. RALEIGH, NORTH CAROLINA ARCHITECTS ENGINEERS		DEPARTMENT OF THE NAVY ATLANTIC NAVAL STATION MARINE CORPS NEW RIVER
DES.	DR.	CHK.
PROJ. MGR.	CH. ENGR.	EM.
SUBMITTED BY: <i>[Signature]</i>	DATE: 6/17/77	
FIRM MEMBER	PRINCIPAL	
EPD <i>[Signature]</i>	RVD <i>[Signature]</i>	
MD <i>[Signature]</i>	DIR <i>[Signature]</i>	
APPROVED	DATE	
OFFICER	APPROVED	
FOR		



BORING NO 1

BORING NO 2

BORING NO 3

DEPTH (FEET) 0.0	DESCRIPTION	DEPTH (FEET) BLOW 0.0	DESCRIPTION	DEPTH (FEET) BLOW 0.0	DESCRIPTION	DEPTH (FEET) BLOW 0.0
1.0	TOPSOIL	7	TOPSOIL	2	TOPSOIL	3
3.0	(CL) GRAYISH TAN CLAY WITH SILT, LITTLE FINE SAND - MEDIUM	3.0	(CL) GRAYISH TAN CLAY WITH SILT, LITTLE FINE SAND - VERY SOFT	3.0	(CL) GRAYISH TAN CLAY WITH SILT, SOME FINE SAND - SOFT	
5.0	(CL) LIGHT GRAY CLAY WITH SILT, LITTLE FINE SAND - VERY SOFT	2	(CL) LIGHT GRAY CLAY WITH SILT, LITTLE FINE SAND - SOFT	4	(CL) TANNISH GRAY SILT WITH CLAY, SOME FINE SAND - SOFT	3
		6.0		6.0		5.0
		2	(CL) GRAY CLAY WITH SILT, LITTLE FINE SAND - VERY SOFT	2	(CL) GRAY CLAY WITH SILT, LITTLE FINE SAND - VERY SOFT	1
10.0		1		1		2
12.0	(CL) DARK TAN CLAY WITH SILT, LITTLE FINE SAND - SOFT				(SM-SC) TANNISH GRAY FINE SAND, SOME SILT, LITTLE CLAY - VERY LOOSE	
15.0		3		2		2
17.0	(SM) GRAYISH TAN MEDIUM TO FINE SAND, LITTLE SILT - LOOSE	17.0	(SM) GRAYISH TAN FINE SAND, SOME SILT - LOOSE	17.0	(SM) LIGHT GRAY FINE SAND, SOME SILT - LOOSE	
20.0		5		5		4
22.0	(SP) TAN MEDIUM TO FINE SAND, TRACE OF SILT - MEDIUM		(SP) LIGHT GRAY COARSE TO FINE SAND WITH PIECES OF WOOD - LOOSE		(SM) GRAYISH TAN MEDIUM TO FINE SAND, LITTLE SILT - LOOSE	
25.0		13		6		10
27.0	(SM-SC) GRAYISH WHITE MEDIUM TO FINE SAND, LITTLE SILT, LITTLE CLAY - VERY COMPACT	27	(SM-SC) GRAYISH WHITE MEDIUM TO FINE SAND, LITTLE SILT, LITTLE CLAY - VERY COMPACT	27	(SM) GRAYISH WHITE MEDIUM TO FINE SAND, LITTLE SILT - COMPACT	
30.0		27		30		24
32.0	(SM) LIGHT GRAY MEDIUM TO FINE SAND, SOME SILT, TRACE OF BROKEN WHITE SHELLS - DENSE	39	(SM) LIGHT GRAY MEDIUM TO FINE SAND, SOME SILT, TRACE OF CLAY, TRACE OF BROKEN WHITE SHELLS - DENSE	37	(SM) LIGHT GRAY MEDIUM TO FINE SAND, SOME SILT, TRACE OF CLAY, TRACE OF BROKEN WHITE SHELLS - DENSE	33
35.0		39		37		35.0
37.0	(SM) LIGHT GRAY COARSE TO FINE SAND, SOME SILT - VERY DENSE		(SM) LIGHT GRAY COARSE TO FINE SAND, SOME SILT - VERY DENSE		(SM) LIGHT GRAY COARSE TO FINE SAND, SOME SILT, TRACE OF BROKEN MARL ROCK - VERY DENSE	
40.0		100/3"		100/6"		52
45.0		100/8"		100/5"	(SM) LIGHT GRAY MEDIUM TO FINE SAND, LITTLE SILT - VERY DENSE	100/9"
47.0		45.0 45.5	BORING TERMINATED	45.0		45.0
50.0	(SP) LIGHT GRAY COARSE TO FINE SAND, TRACE OF SILT, TRACE OF BROKEN WHITE SHELLS - VERY DENSE	100/4"		47.0	(SM) LIGHT GRAY MEDIUM TO FINE SAND, SOME SILT, TRACE OF BROKEN WHITE SHELL - VERY DENSE	100/3"
50.5				50.0 50.5		50.0

WATER DATA
3'-0" AT 1 HOUR
0'-6" AT 24 HOURS

WATER DATA
1'-0" AT 1 HOUR
0'-6" AT 24 HOURS

WATER DATA
9'-0" AT 1 HOUR
0'-6" AT 24 HOURS

BORING LOGS

SCALE 1" = 2'-6"
VERTICAL

